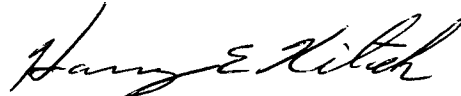


MEMORANDUM FOR PLANNING COMMUNITY OF PRACTICE

SUBJECT: Economic Guidance Memorandum, 05-03, Current State and County Income Index Data, Current Eligibility Factor Formula (Ability to Pay).

The enclosed information is provided for immediate use. Questions related to this memorandum should be addressed to Lillian Almodovar, CECW-CP at 202/761-5875.



Harry E. Kitch, P.E.
Deputy, Planning Community of Practice
Directorate of Civil Works

4 Enclosures:

- A: Main: Current Income and Eligibility Formula Data
- B: State Per Capita Personal Income
- C: County Per Capita Personal Income
- D: Ability-To-Pay Procedures

ENCLOSURE A MAIN

Economic Guidance Memorandum Number 05-03 Ability to Pay Current State and County Income Index Data Current Eligibility Factor Formula.

1. Purpose. This Economic Guidance Memorandum provides current per capita personal income index data and the current Eligibility Factor formula; both are used in applying the Ability-To-Pay test to flood control projects.

2. References.

a. PL 99-662, Section 103(m), Water Resources Development Act (WRDA) of 1986.
[Available at http://www.usace.army.mil/inet/functions/cw/cecwp/branches/leg_manage/index.htm]

b. ER 1165-2-121, Flood Control Cost-Sharing Requirements under the Ability-To-Pay Provision – Section 103(m) of PL 99-662, 1 November 1989. This is the Engineering Regulation form of the final rule developed for Section 103(m); the final rule was printed in the Federal Register October 2, 1989 (54 FR 40578). [ER 1165-2-121 is available at <http://www.usace.army.mil/inet/usace-docs/eng-regs/er1165-2-121/toc.htm>]

c. PL 102-580, Section 201, Water Resources Development Act of 1992.
[http://www.usace.army.mil/inet/functions/cw/cecwp/branches/leg_manage/index.htm]

d. Final Amended Rule, printed in the Federal Register January 26, 1995 (60 FR 5133). Incorporates Ability-To-Pay changes contained in PL 102-580.
[<http://198.17.75.65/fril/1995/19950126/95-1733.txt>]

e. 33 CFR 241. A complete statement of the Ability-To-Pay procedures, including amendments. [http://www.access.gpo.gov/nara/cfr/waisidx_99/33cfr241_99.html]

f. Memorandum for Commanders, Major Subordinate Commands, 27 February 2001. Subject: Implementation of Sections 203(d)(1) and 204 of the Water Resources Development Act of 2000 – Ability to Pay.
[http://www.usace.army.mil/inet/functions/cw/cecwp/branches/mp_and_dev/Wrda00/wrda00203-4.PDF]

3. Background. The Water Resources Development Act of 1986 provides for non-Federal cost share savings in some low-income areas. Reduced cost shares apply only to flood control projects; cost share reductions are based on an area's ability to pay. WRDA 2000 alters ability-to-pay eligibility conditions, but a final implementation rule is not yet developed or published in the Federal Register, and therefore ability-to-pay cost share reductions are currently available only to flood damage reduction projects (see reference f).

a. To determine whether or not cost share savings are available to a flood damage reduction project apply the ability-to-pay guidance in reference 2e (33 CFR 241).

b. Per the ability-to-pay guidance, an Eligibility Factor (EF) is to be calculated based on state and county per capita personal income data. There is, in addition, a per capita project construction cost criterion that may affect a sponsor's cost share savings. For application of both of these criteria see the guidance at 33 CFR 241.

4. State and County Income Data and Eligibility Factor (EF) formula.

a. This Economic Guidance Memorandum provides in Enclosures B and C the relevant state and county per capita income data to use in the Eligibility Factor formula. The income data are for the years 2000 to 2002. EF formula coefficients were determined using this data set (per 33 CFR 241) and cannot be applied to income data for other years.

b. The form of the EF formula is:

$$EF = a - b_1 \times (\text{state income index}) - b_2 \times (\text{county income index})$$

Where:

state income index is the average over three years of the state per capita income index (state per capita income divided by national per capita income) for the state (or states) in which the project is located, and

county income index is the average over three years of the county per capita income index (county per capita income divided by national per capita income) for the county (or counties) in which the project is located.

c. The parameters a, b1, and b2 have been determined using the state and county per capita index data and the condition that a certain fraction of the counties are to have eligibility factors greater than zero. Until further notice the values of the parameters are:

$$a = 18.1375$$

$$b_1 = 0.0790$$

$$b_2 = 0.1579$$

5. These per capita income data and EF formula coefficients are for immediate use and should be used until new information is furnished by HQUSACE

ENCLOSURE B
State Per Capita Personal Income Index Numbers

State Per Capita Income as a Percent of US Per Capita Income
Average of the Indexes, 2000-2002

Area Name	State	Personal Income Average	Average as a Percent of US	Area Name	State	Personal Income Average	Average as a Percent of US
<i>United States</i>		30,427	100.0	Oregon	OR	28,468	93.6
Alabama	AL	24,720	81.2	Pennsylvania	PA	30,377	99.8
Alaska	AK	31,500	103.5	Rhode Island	RI	30,059	98.8
Arizona	AZ	26,025	85.5	South Carolina	SC	24,998	82.2
Arkansas	AR	22,851	75.1	South Dakota	SD	26,522	87.2
California	CA	32,782	107.7	Tennessee	TN	26,875	88.3
Colorado	CO	33,699	110.8	Texas	TX	28,765	94.5
Connecticut	CT	42,171	138.6	Utah	UT	24,302	79.9
Delaware	DE	31,485	103.5	Vermont	VT	28,811	94.7
District of Columbia	DC	44,171	145.2	Virginia	VA	32,068	105.4
Florida	FL	29,172	95.9	Washington	WA	32,230	105.9
Georgia	GA	28,455	93.5	West Virginia	WV	22,921	75.3
Hawaii	HI	28,994	95.3	Wisconsin	WI	29,328	96.4
Idaho	ID	24,833	81.6	Wyoming	WY	29,894	98.2
Illinois	IL	32,674	107.4				
Indiana	IN	27,595	90.7				
Iowa	IA	27,333	89.8				
Kansas	KS	28,363	93.2				
Kentucky	KY	24,954	82.0				
Louisiana	LA	24,298	79.9				
Maine	ME	27,056	88.9				
Maryland	MD	35,305	116.0				
Massachusetts	MA	38,595	126.8				
Michigan	MI	29,623	97.4				
Minnesota	MN	32,687	107.4				
Mississippi	MS	21,841	71.8				
Missouri	MO	27,896	91.7				
Montana	MT	23,933	78.7				
Nebraska	NE	28,507	93.7				
Nevada	NV	30,448	100.1				
New Hampshire	NH	33,718	110.8				
New Jersey	NJ	38,970	128.1				
New Mexico	NM	23,628	77.7				
New York	NY	35,444	116.5				
North Carolina	NC	27,452	90.2				
North Dakota	ND	25,930	85.2				
Ohio	OH	28,677	94.2				
Oklahoma	OK	25,264	83.0				

ENCLOSURE C
County (or Area) Per Capita Personal Income Index Numbers

County Per Capita Income as a Percent of US Per Capita Income
Average of the Indexes (2000-2002)

County (or area)	3-Year Average Index
Alaska	
Aleutians East Borough	85.54
Aleutians West Census Area	75.60
Anchorage Borough	117.81
Bethel Census Area	68.41
Bristol Bay Borough	121.97
Denali Borough	128.11
Dillingham Census Area	88.40
Fairbanks North Star Borough	95.10
Haines Borough	110.75
Juneau Borough	116.28
Kenai Peninsula Borough	95.91
Ketchikan Gateway Borough	117.97
Kodiak Island Borough	92.49
Lake and Peninsula Borough	70.18
Matanuska-Susitna Borough	89.59
Nome Census Area	74.32
North Slope Borough	110.38
Northwest Arctic Borough	79.12
Pr. of Wales-Outer Ketchikan Census Area	68.29
Sitka Borough	100.07

Skagway-Hoonah-Angoon Census Area	100.97
Southeast Fairbanks Census Area	80.38
Valdez-Cordova Census Area	102.04
Wrangell-Petersburg Census Area	96.66
Yakutat Borough	99.07
Yukon-Koyukuk Census Area	70.69
Wade Hampton Census Area	49.28
Alabama	
Autauga	79.15
Baldwin	87.77
Barbour	65.40
Bibb	59.70
Blount	68.33
Bullock	54.87
Butler	67.79
Calhoun	73.76
Chambers	69.63
Cherokee	64.38
Chilton	67.44
Choctaw	65.59
Clarke	67.74
Clay	64.25
Cleburne	63.56
Coffee	82.52
Colbert	70.67
Conecuh	65.21
Coosa	61.85
Covington	70.38
Crenshaw	76.96
Cullman	74.18

Dale	68.59
Dallas	65.68
DeKalb	70.97
Elmore	77.01
Escambia	62.27
Etowah	73.04
Fayette	66.06
Franklin	68.87
Geneva	71.45
Greene	59.81
Hale	55.93
Henry	70.44
Houston	84.41
Jackson	70.75
Jefferson	104.35
Lamar	64.52
Lauderdale	75.32
Lawrence	67.62
Lee	68.55
Limestone	75.68
Lowndes	59.00
Madison	97.09
Marengo	74.23
Marion	62.73
Marshall	76.30
Mobile	72.69
Monroe	66.25
Montgomery	93.72
Morgan	84.42
Perry	56.90
Pickens	62.96
Pike	73.75
Randolph	61.35
Russell	66.74
Shelby	111.96
St. Clair	72.98
Sumter	56.04
Talladega	67.52

Tallapoosa	72.20
Tuscaloosa	83.59
Walker	71.61
Washington	60.80
Wilcox	54.09
Winston	64.60
Macon	53.08
Arkansas	
Arkansas	74.97
Ashley	70.92
Baxter	76.13
Benton	85.46
Boone	69.35
Bradley	64.89
Calhoun	64.79
Carroll	62.89
Chicot	57.47
Clark	65.55
Clay	60.72
Cleburne	73.94
Cleveland	71.42
Columbia	75.15
Conway	73.46
Craighead	73.53
Crawford	63.75
Crittenden	67.73
Cross	59.41
Dallas	68.40
Desha	60.25
Drew	66.82
Faulkner	76.09
Franklin	66.79
Fulton	56.56
Garland	81.38
Grant	76.66
Greene	64.54
Hempstead	64.99
Hot Spring	62.82
Howard	71.55
Independence	70.25
Izard	58.66
Jackson	65.54
Jefferson	67.36
Johnson	60.87
Lafayette	61.96
Lawrence	58.38

Lee	52.80
Lincoln	49.71
Little River	69.06
Logan	62.45
Lonoke	75.10
Madison	64.05
Marion	58.52
Miller	73.49
Mississippi	63.79
Monroe	59.34
Montgomery	62.63
Nevada	65.68
Newton	52.80
Ouachita	66.23
Perry	70.18
Phillips	57.77
Pike	66.52
Poinsett	60.21
Polk	60.71
Pope	70.52
Prairie	60.69
Pulaski	102.15
Randolph	57.33
Saline	79.07
Scott	62.63
Searcy	52.04
Sebastian	87.65
Sevier	62.99
Sharp	54.97
St. Francis	55.43
Stone	58.77
Union	89.19
Van Buren	61.00
Washington	75.23
White	64.49
Woodruff	59.14
Yell	65.28
Arizona	
Apache	49.74
Cochise	68.85
Coconino	77.91
Gila	65.13
Graham	49.61
Greenlee	65.89
La Paz	56.86
Maricopa	95.40

Mohave	63.26
Navajo	50.09
Pima	81.17
Pinal	61.44
Santa Cruz	57.23
Yavapai	70.63
Yuma	60.50
California	
Kings	57.60
Lassen	59.97
Del Norte	60.27
Madera	62.27
Imperial	62.62
Tehama	64.94
Glenn	65.92
Yuba	65.93
Merced	66.23
Tulare	67.34
Trinity	69.43
Kern	71.61
Modoc	73.25
Fresno	74.57
San Bernardino	74.73
Sierra	75.81
Siskiyou	75.92
Butte	76.25
Mariposa	76.78
Stanislaus	77.32
Colusa	77.89
Tuolumne	79.26
San Joaquin	79.30
Humboldt	79.44
Riverside	80.07
Lake	80.41
Amador	82.18
Sutter	82.53
Inyo	83.49
Calaveras	84.00
Shasta	84.10
Mendocino	85.32
Yolo	88.09
Alpine	88.21
Plumas	88.52
Mono	89.40
Solano	93.50
San Luis Obispo	95.00

San Benito	95.14
Sacramento	95.75
Los Angeles	99.04
Monterey	101.87
Nevada	104.43
Santa Barbara	109.01
San Diego	111.30
Ventura	111.88
El Dorado	118.49
Sonoma	121.32
Placer	121.38
Orange	124.02
Napa	125.07
Alameda	125.68
Santa Cruz	127.11
Contra Costa	146.37
Santa Clara	164.67
San Francisco	182.00
San Mateo	184.35
Marin	225.36
Colorado	
Adams	89.20
Alamosa	71.61
Arapahoe	142.13
Archuleta	64.48
Baca	78.31
Bent	59.83
Boulder	132.83
Broomfield	106.37
Chaffee	73.91
Cheyenne	79.85
Clear Creek	119.38
Conejos	53.50
Costilla	61.55
Crowley	53.08
Custer	74.90
Delta	69.89
Denver	131.40
Dolores	70.88
Douglas	137.27
Eagle	125.21
El Paso	97.73
Elbert	102.00
Fremont	62.44
Garfield	90.19
Gilpin	116.64

Grand	94.56
Gunnison	78.93
Hinsdale	79.26
Huerfano	58.01
Jackson	63.36
Jefferson	127.07
Kiowa	104.48
Kit Carson	80.02
La Plata	93.01
Lake	67.60
Larimer	101.74
Las Animas	68.61
Lincoln	57.75
Logan	82.11
Mesa	83.39
Mineral	77.38
Moffat	76.52
Montezuma	75.70
Montrose	76.33
Morgan	74.97
Otero	74.31
Ouray	93.82
Park	95.34
Phillips	82.48
Pitkin	224.62
Prowers	77.83
Pueblo	76.73
Rio Blanco	87.38
Rio Grande	79.09
Routt	114.56
Saguache	53.97
San Juan	84.91
San Miguel	113.24
Sedgwick	81.06
Summit	111.27
Teller	97.29
Washington	74.78
Weld	81.93
Yuma	82.61
Connecticut	
Fairfield	197.04
Hartford	125.10
Litchfield	125.75
Middlesex	126.41
New Haven	114.63
New London	111.72

Tolland	109.87
Windham	91.90
District of Columbia	
District of Columbia	145.17
Delaware	
Kent	79.65
New Castle	116.39
Sussex	81.97
Florida	
Alachua	80.89
Baker	65.38
Bay	80.73
Bradford	63.07
Brevard	89.82
Broward	102.91
Calhoun	55.09
Charlotte	86.06
Citrus	74.91
Clay	87.22
Collier	135.39
Columbia	62.96
DeSoto	55.91
Dixie	54.80
Duval	95.87
Escambia	79.67
Flagler	78.47
Franklin	70.99
Gadsden	65.61
Gilchrist	68.07
Glades	55.07
Gulf	57.29
Hamilton	45.48
Hardee	57.49
Hendry	63.75
Hernando	78.75
Highlands	69.43
Hillsborough	95.55
Holmes	60.01
Indian River	127.50
Jackson	62.65
Jefferson	77.00
Lafayette	50.53
Lake	85.12
Lee	100.47
Leon	89.22

Levy	62.37
Liberty	60.00
Madison	56.40
Manatee	104.21
Marion	76.20
Martin	142.67
Miami-Dade	86.09
Monroe	124.39
Nassau	101.34
Okaloosa	93.39
Okeechobee	59.39
Orange	89.63
Osceola	65.72
Palm Beach	143.73
Pasco	76.03
Pinellas	106.85
Polk	81.66
Putnam	61.61
Santa Rosa	80.26
Sarasota	133.59
Seminole	103.78
St. Johns	123.13
St. Lucie	75.07
Sumter	54.33
Suwannee	65.31
Taylor	64.40
Union	44.55
Volusia	79.03
Wakulla	72.07
Walton	63.51
Washington	58.76
Georgia	
Appling	64.00
Atkinson	60.77
Bacon	64.74
Baker	66.67
Baldwin	73.67
Banks	75.33
Barrow	77.80
Bartow	84.87
Ben Hill	71.64
Berrien	70.84
Bibb	93.15
Bleckley	74.68
Brantley	60.51
Brooks	67.99

Bryan	81.60
Bulloch	64.91
Burke	58.68
Butts	72.84
Calhoun	58.10
Camden	71.34
Candler	64.28
Carroll	72.58
Catoosa	74.97
Charlton	52.52
Chatham	93.67
Chattahoochee	49.17
Chattooga	60.20
Cherokee	101.90
Clarke	72.24
Clay	72.87
Clayton	70.86
Clinch	57.12
Cobb	120.09
Coffee	68.69
Colquitt	64.90
Columbia	98.82
Cook	60.92
Coweta	89.04
Crawford	68.16
Crisp	66.67
Dade	69.31
Dawson	89.00
Decatur	67.65
DeKalb	109.20
Dodge	61.53
Dooly	63.80
Dougherty	74.16
Douglas	86.16
Early	75.37
Echols	51.78
Effingham	74.79
Elbert	71.43
Emanuel	63.98
Evans	65.41
Fannin	71.55
Fayette	122.34
Floyd	80.16
Forsyth	114.36
Franklin	74.17
Fulton	153.34

Gilmer	67.54
Glascock	67.36
Glynn	97.41
Gordon	73.56
Grady	65.92
Greene	78.60
Gwinnett	101.97
Habersham	74.16
Hall	81.93
Hancock	47.64
Haralson	71.42
Harris	102.52
Hart	70.20
Heard	62.17
Henry	89.12
Houston	82.34
Irwin	65.90
Jackson	79.04
Jasper	75.28
Jeff Davis	67.79
Jefferson	61.80
Jenkins	59.91
Johnson	59.43
Jones	77.71
Lamar	73.05
Lanier	63.93
Laurens	73.45
Lee	72.65
Liberty	57.85
Lincoln	66.87
Long	51.48
Lowndes	73.91
Lumpkin	72.83
Macon	61.27
Madison	76.90
Marion	68.29
McDuffie	77.66
McIntosh	60.83
Meriwether	67.24
Miller	72.67
Mitchell	59.26
Monroe	81.24
Montgomery	60.00
Morgan	89.27
Murray	66.08
Muscogee	87.26

Newton	76.42
Oconee	97.66
Oglethorpe	73.46
Paulding	77.56
Peach	73.85
Pickens	90.14
Pierce	67.52
Pike	76.48
Polk	63.77
Pulaski	78.75
Putnam	78.88
Quitman	66.20
Rabun	76.97
Randolph	61.63
Richmond	75.43
Rockdale	93.34
Schley	63.90
Screven	60.26
Seminole	75.18
Spalding	76.81
Stephens	75.81
Stewart	67.24
Sumter	71.50
Talbot	61.69
Taliaferro	58.03
Tattnall	62.83
Taylor	62.03
Telfair	58.66
Terrell	65.07
Thomas	81.39
Tift	74.27
Toombs	68.42
Towns	78.76
Treutlen	52.29
Troup	80.82
Turner	62.09
Twiggs	61.03
Union	73.37
Upson	66.08
Walker	71.70
Walton	79.66
Ware	66.34
Warren	62.15
Washington	71.88
Wayne	67.13
Webster	70.22

Wheeler	47.61
White	75.34
Whitfield	85.21
Wilcox	63.10
Wilkes	68.44
Wilkinson	66.67
Worth	69.60
Hawaii	
Hawaii	73.82
Honolulu	101.43
Kauai	80.22
Maui + Kalawao	85.59
Iowa	
Adair	85.00
Adams	77.67
Allamakee	77.18
Appanoose	69.39
Audubon	83.50
Benton	86.14
Black Hawk	83.37
Boone	91.89
Bremer	89.19
Buchanan	79.63
Buena Vista	79.85
Butler	78.89
Calhoun	78.81
Carroll	88.42
Cass	81.52
Cedar	91.97
Cerro Gordo	89.69
Cherokee	85.01
Chickasaw	81.74
Clarke	75.27
Clay	86.43
Clayton	80.09
Clinton	81.30
Crawford	74.47
Dallas	102.88
Davis	67.67
Decatur	60.92
Delaware	80.57
Des Moines	87.97
Dickinson	99.40
Dubuque	87.07
Emmet	80.84
Fayette	73.45

Floyd	77.49
Franklin	85.51
Fremont	85.13
Greene	75.99
Grundy	91.02
Guthrie	83.21
Hamilton	85.66
Hancock	87.85
Hardin	80.59
Harrison	82.07
Henry	79.14
Howard	81.28
Humboldt	86.43
Ida	80.43
Iowa	97.73
Jackson	76.16
Jasper	87.88
Jefferson	87.84
Johnson	98.28
Jones	72.73
Keokuk	78.99
Kossuth	86.07
Lee	78.54
Linn	103.64
Louisa	79.18
Lucas	70.90
Lyon	75.99
Madison	86.52
Mahaska	81.92
Marion	85.80
Marshall	87.45
Mills	98.70
Mitchell	80.38
Monona	78.10
Monroe	84.22
Montgomery	81.50
Muscatine	88.90
O'Brien	84.59
Osceola	75.54
Page	77.65
Palo Alto	74.90
Plymouth	89.25
Pocahontas	78.70
Polk	109.93
Pottawattamie	86.85
Poweshiek	91.06

Ringgold	70.22
Sac	81.81
Scott	95.77
Shelby	83.53
Sioux	82.39
Story	85.92
Tama	76.70
Taylor	71.48
Union	74.81
Van Buren	66.60
Wapello	74.57
Warren	87.67
Washington	89.71
Wayne	67.36
Webster	81.55
Winnebago	77.26
Winneshiek	84.15
Woodbury	86.26
Worth	72.05
Wright	91.24
Idaho	
Ada	111.04
Adams	73.93
Bannock	72.08
Bear Lake	59.86
Benewah	70.40
Bingham	65.32
Blaine	144.29
Boise	71.75
Bonner	69.56
Bonneville	81.91
Boundary	57.77
Butte	71.84
Camas	73.01
Canyon	64.52
Caribou	69.52
Cassia	75.87
Clark	83.92
Clearwater	70.10
Custer	77.42
Elmore	69.06
Franklin	63.58
Fremont (includes Yellowstone Park)	62.35
Gem	64.69
Gooding	86.07

Idaho	65.48
Jefferson	64.32
Jerome	77.89
Kootenai	77.56
Latah	74.80
Lemhi	68.51
Lewis	79.94
Lincoln	67.72
Madison	47.22
Minidoka	60.93
Nez Perce	84.81
Oneida	56.44
Owyhee	63.01
Payette	64.07
Power	67.56
Shoshone	65.34
Teton	64.57
Twin Falls	77.16
Valley	95.15
Washington	63.73
Illinois	
Adams	84.16
Alexander	56.68
Bond	79.07
Boone	90.99
Brown	55.90
Bureau	85.46
Calhoun	75.64
Carroll	83.55
Cass	78.71
Champaign	86.27
Christian	80.30
Clark	74.53
Clay	73.98
Clinton	90.33
Coles	77.30
Cook	113.86
Crawford	75.56
Cumberland	78.81
De Witt	86.04
DeKalb	86.06
Douglas	82.54
DuPage	149.83
Edgar	73.14
Edwards	75.04
Effingham	84.91

Fayette	63.59
Ford	91.29
Franklin	68.28
Fulton	75.60
Gallatin	69.11
Greene	65.19
Grundy	97.96
Hamilton	68.39
Hancock	79.45
Hardin	63.27
Henderson	76.34
Henry	86.40
Iroquois	78.89
Jackson	73.94
Jasper	77.29
Jefferson	73.86
Jersey	85.19
Jo Daviess	95.81
Johnson	57.21
Kane	101.00
Kankakee	83.30
Kendall	102.52
Knox	77.85
La Salle	84.57
Lake	152.15
Lawrence	80.30
Lee	77.50
Livingston	87.06
Logan	74.36
Macon	91.31
Macoupin	79.90
Madison	89.29
Marion	75.98
Marshall	87.86
Mason	81.30
Massac	72.83
McDonough	69.88
McHenry	110.27
McLean	99.05
Menard	91.48
Mercer	82.74
Monroe	103.12
Montgomery	72.17
Morgan	77.24
Moultrie	77.54
Ogle	85.33

Peoria	94.93
Perry	61.46
Piatt	98.85
Pike	70.44
Pope	62.20
Pulaski	58.65
Putnam	83.29
Randolph	67.81
Richland	75.48
Rock Island	88.78
Saline	71.10
Sangamon	101.49
Schuyler	79.31
Scott	67.39
Shelby	72.66
St. Clair	85.47
Stark	84.41
Stephenson	89.25
Tazewell	94.74
Union	68.88
Vermilion	72.41
Wabash	75.57
Warren	68.85
Washington	86.61
Wayne	74.34
White	79.99
Whiteside	80.61
Will	98.33
Williamson	76.22
Winnebago	88.51
Woodford	91.23
Indiana	
Adams	76.31
Allen	96.08
Bartholomew	98.87
Benton	80.94
Blackford	72.90
Boone	125.03
Brown	95.58
Carroll	89.51
Cass	80.99
Clark	88.92
Clay	72.98
Clinton	73.69
Crawford	67.65
Daviess	75.01

De Kalb	85.21
Dearborn	91.76
Decatur	84.66
Delaware	81.61
Dubois	101.17
Elkhart	88.46
Fayette	83.16
Floyd	100.07
Fountain	77.32
Franklin	87.30
Fulton	77.47
Gibson	80.71
Grant	77.23
Greene	72.10
Hamilton	143.09
Hancock	110.98
Harrison	83.85
Hendricks	100.03
Henry	82.91
Howard	92.80
Huntington	83.90
Jackson	78.25
Jasper	83.13
Jay	68.39
Jefferson	72.53
Jennings	71.86
Johnson	98.20
Knox	79.11
Kosciusko	87.49
La Porte	80.61
Lagrange	63.71
Lake	87.24
Lawrence	78.85
Madison	83.50
Marion	103.23
Marshall	79.31
Martin	74.41
Miami	71.51
Monroe	77.60
Montgomery	80.27
Morgan	88.56
Newton	73.03
Noble	76.88
Ohio	79.90
Orange	70.05
Owen	70.57

Parke	68.44
Perry	74.84
Pike	70.47
Porter	101.83
Posey	92.30
Pulaski	77.11
Putnam	77.03
Randolph	75.93
Ripley	77.99
Rush	83.27
Scott	70.80
Shelby	88.11
Spencer	80.35
St. Joseph	91.18
Starke	62.86
Steuben	81.79
Sullivan	64.87
Switzerland	69.11
Tippecanoe	80.53
Tipton	96.25
Union	75.15
Vanderburgh	97.41
Vermillion	78.07
Vigo	76.06
Wabash	82.20
Warren	74.91
Warrick	96.74
Washington	74.17
Wayne	79.89
Wells	83.85
White	76.09
Whitley	87.12
Kansas	
Allen	70.87
Anderson	70.07
Atchison	69.53
Barber	71.63
Barton	83.91
Bourbon	71.25
Brown	77.52
Butler	89.29
Chase	93.36
Chautauqua	74.15
Cherokee	69.16
Cheyenne	72.51
Clark	77.16

Clay	81.99
Cloud	69.39
Coffey	86.91
Comanche	66.51
Cowley	77.66
Crawford	71.76
Decatur	79.21
Dickinson	76.58
Doniphan	67.25
Douglas	83.04
Edwards	87.56
Elk	66.60
Ellis	85.07
Ellsworth	73.19
Finney	68.00
Ford	72.99
Franklin	78.49
Geary	83.48
Gove	84.25
Graham	89.85
Grant	74.92
Gray	83.91
Greeley	78.97
Greenwood	70.65
Hamilton	85.34
Harper	76.67
Harvey	86.60
Haskell	95.38
Hodgeman	77.70
Jackson	83.28
Jefferson	76.94
Jewell	73.62
Johnson	143.27
Kearny	68.24
Kingman	73.70
Kiowa	75.42
Labette	74.10
Lane	93.22
Leavenworth	82.94
Lincoln	68.53
Linn	72.58
Logan	68.06
Lyon	69.85
Marion	67.26
Marshall	85.42
McPherson	86.86

Meade	77.31
Miami	89.09
Mitchell	78.10
Montgomery	71.60
Morris	74.12
Morton	66.70
Nemaha	78.94
Neosho	70.86
Ness	89.96
Norton	72.58
Osage	73.49
Osborne	70.28
Ottawa	74.55
Pawnee	75.56
Phillips	83.19
Pottawatomie	83.59
Pratt	78.95
Rawlins	78.85
Reno	79.97
Republic	69.74
Rice	66.67
Riley	76.61
Rooks	75.48
Rush	73.34
Russell	76.30
Saline	90.58
Scott	92.23
Sedgwick	97.25
Seward	73.45
Shawnee	94.97
Sheridan	87.16
Sherman	79.57
Smith	75.25
Stafford	77.97
Stanton	75.59
Stevens	79.25
Sumner	78.31
Thomas	81.42
Trego	65.43
Wabaunsee	80.36
Wallace	70.41
Washington	68.45
Wichita	96.47
Wilson	67.45
Woodson	61.37
Wyandotte	67.64

Kentucky	
Adair	61.34
Allen	68.92
Anderson	80.19
Ballard	87.15
Barren	73.01
Bath	62.15
Bell	56.32
Boone	97.78
Bourbon	92.71
Boyd	81.90
Boyle	80.89
Bracken	69.07
Breathitt	55.19
Breckinridge	65.66
Bullitt	78.72
Butler	61.24
Caldwell	72.58
Calloway	78.51
Campbell	89.70
Carlisle	74.00
Carroll	74.10
Carter	56.55
Casey	58.71
Christian	72.88
Clark	86.58
Clay	47.41
Clinton	59.98
Crittenden	64.81
Cumberland	58.13
Daviess	81.88
Edmonson	53.48
Elliott	46.18
Estill	57.04
Fayette	105.28
Fleming	61.05
Floyd	61.61
Franklin	91.52
Fulton	71.89
Gallatin	67.26
Garrard	67.32
Grant	69.18
Graves	71.75
Grayson	61.52
Green	57.98
Greenup	72.12

Hancock	66.92
Hardin	82.04
Harlan	54.95
Harrison	72.66
Hart	55.80
Henderson	81.04
Henry	76.45
Hickman	105.31
Hopkins	73.68
Jackson	47.45
Jefferson	107.08
Jessamine	83.89
Johnson	63.69
Kenton	97.42
Knott	54.31
Knox	56.79
Larue	78.63
Laurel	66.51
Lawrence	53.04
Lee	51.90
Leslie	56.15
Letcher	60.73
Lewis	47.75
Lincoln	59.75
Livingston	72.62
Logan	69.96
Lyon	63.89
Madison	67.17
Magoffin	55.17
Marion	67.33
Marshall	80.65
Martin	54.49
Mason	74.08
McCracken	93.64
McCreary	47.23
McLean	90.58
Meade	71.37
Menifee	48.96
Mercer	74.99
Metcalfe	57.19
Monroe	61.11
Montgomery	69.05
Morgan	48.17
Muhlenberg	66.71
Nelson	83.11
Nicholas	69.27

Ohio	62.97
Oldham	106.17
Owen	60.31
Owsley	56.52
Pendleton	67.28
Perry	65.87
Pike	67.54
Powell	58.25
Pulaski	70.12
Robertson	58.26
Rockcastle	53.03
Rowan	59.82
Russell	60.82
Scott	93.52
Shelby	92.65
Simpson	74.78
Spencer	71.69
Taylor	64.97
Todd	66.75
Trigg	80.06
Trimble	54.79
Union	74.58
Warren	81.04
Washington	67.50
Wayne	54.59
Webster	83.29
Whitley	61.92
Wolfe	52.43
Woodford	113.60
Louisiana	
Acadia	65.38
Allen	55.42
Ascension	81.48
Assumption	73.33
Avoyelles	57.81
Beauregard	64.04
Bienville	62.10
Bossier	76.26
Caddo	86.63
Calcasieu	78.10
Caldwell	59.99
Cameron	59.33
Catahoula	57.37
Claiborne	63.66
Concordia	55.95
De Soto	66.30

East Baton Rouge	90.54
East Carroll	49.67
East Feliciana	67.29
Evangeline	56.52
Franklin	56.10
Grant	61.28
Iberia	69.72
Iberville	64.66
Jackson	75.69
Jefferson	95.70
Jefferson Davis	58.60
La Salle	59.00
Lafayette	94.38
Lafourche	80.34
Lincoln	68.66
Livingston	69.75
Madison	50.72
Morehouse	62.14
Natchitoches	64.12
Orleans	90.26
Ouachita	79.66
Plaquemines	73.15
Pointe Coupee	69.24
Rapides	83.56
Red River	56.57
Richland	60.84
Sabine	61.18
St. Bernard	75.18
St. Charles	80.97
St. Helena	57.02
St. James	62.68
St. John the Baptist	67.78
St. Landry	60.47
St. Martin	59.41
St. Mary	74.86
St. Tammany	99.38
Tangipahoa	66.26
Tensas	56.90
Terrebonne	72.49
Union	67.51
Vermilion	63.89
Vernon	71.09
Washington	60.69
Webster	69.09
West Baton Rouge	76.62

West Carroll	55.93
West Feliciana	54.96
Winn	53.87
Massachusetts	
Barnstable	124.87
Berkshire	104.46
Bristol	97.76
Dukes	127.82
Essex	125.31
Franklin	96.25
Hampden	93.43
Hampshire	92.80
Middlesex	153.06
Nantucket	152.69
Norfolk	156.79
Plymouth	116.86
Suffolk	131.47
Worcester	108.61
Maryland	
Allegany	71.29
Anne Arundel	124.62
Baltimore	121.94
Baltimore (Independent City)	84.19
Calvert	105.75
Caroline	72.80
Carroll	109.64
Cecil	94.21
Charles	103.62
Dorchester	79.60
Frederick	111.17
Garrett	75.17
Harford	106.47
Howard	146.30
Kent	104.24
Montgomery	166.58
Prince George's	97.35
Queen Anne's	114.25
Somerset	63.05
St. Mary's	97.87
Talbot	133.42
Washington	86.04
Wicomico	82.13
Worcester	94.92
Maine	
Androscoggin	83.96

Aroostook	72.22
Cumberland	109.41
Franklin	73.23
Hancock	93.23
Kennebec	86.60
Knox	91.85
Lincoln	92.73
Oxford	73.16
Penobscot	82.11
Piscataquis	71.64
Sagadahoc	88.98
Somerset	72.87
Waldo	75.68
Washington	70.82
York	92.11
Michigan	
Alcona	67.06
Alger	62.56
Allegan	87.73
Alpena	77.93
Antrim	83.51
Arenac	69.10
Baraga	62.77
Barry	92.58
Bay	85.22
Benzie	79.97
Berrien	86.13
Branch	69.73
Calhoun	83.66
Cass	81.52
Charlevoix	89.31
Cheboygan	73.18
Chippewa	62.40
Clare	64.72
Clinton	96.61
Crawford	66.16
Delta	77.55
Dickinson	86.41
Eaton	89.74
Emmet	94.20
Genesee	85.55
Gladwin	66.53
Gogebic	66.96
Grand Traverse	95.12
Gratiot	68.99
Hillsdale	76.01

Houghton	65.86
Huron	82.83
Ingham	88.14
Ionia	69.65
Iosco	66.61
Iron	70.79
Isabella	69.83
Jackson	81.70
Kalamazoo	92.77
Kalkaska	60.20
Kent	97.66
Keweenaw	71.04
Lake	63.64
Lapeer	91.11
Leelanau	94.07
Lenawee	85.51
Livingston	115.73
Luce	58.72
Mackinac	83.12
Macomb	107.30
Manistee	72.83
Marquette	74.96
Mason	76.55
Mecosta	62.95
Menominee	72.19
Midland	102.54
Missaukee	64.12
Monroe	95.17
Montcalm	63.88
Montmorency	61.47
Muskegon	76.96
Newaygo	69.83
Oakland	154.92
Oceana	64.50
Ogemaw	61.68
Ontonagon	69.80
Osceola	65.07
Oscoda	52.45
Otsego	80.10
Ottawa	90.68
Presque Isle	68.31
Roscommon	67.10
Saginaw	83.21
Sanilac	77.29
Schoolcraft	69.12
Shiawassee	75.28

St. Clair	91.18
St. Joseph	75.68
Tuscola	69.49
Van Buren	73.42
Washtenaw	115.73
Wayne	90.66
Wexford	72.56
Minnesota	
Aitkin	73.34
Anoka	102.11
Becker	81.77
Beltrami	75.16
Benton	85.81
Big Stone	78.20
Blue Earth	88.44
Brown	87.17
Carlton	81.06
Carver	130.40
Cass	83.20
Chippewa	86.86
Chisago	92.68
Clay	77.65
Clearwater	68.55
Cook	92.84
Cottonwood	79.60
Crow Wing	79.66
Dakota	121.23
Dodge	91.41
Douglas	84.70
Faribault	80.73
Fillmore	81.22
Freeborn	81.30
Goodhue	93.95
Grant	82.47
Hennepin	143.57
Houston	88.98
Hubbard	73.02
Isanti	88.86
Itasca	76.00
Jackson	79.01
Kanabec	72.81
Kandiyohi	91.60
Kittson	78.81
Koochiching	84.50
Lac qui Parle	79.40
Lake	87.80

Lake of the Woods	65.87
Le Sueur	91.41
Lincoln	75.46
Lyon	89.22
Mahnomen	67.58
Marshall	78.22
Martin	91.04
McLeod	88.10
Meeker	80.14
Mille Lacs	73.29
Morrison	71.05
Mower	85.73
Murray	80.60
Nicollet	89.20
Nobles	80.16
Norman	78.45
Olmsted	112.28
Otter Tail	77.89
Pennington	89.98
Pine	71.35
Pipestone	85.86
Polk	77.73
Pope	82.12
Ramsey	112.81
Red Lake	69.46
Redwood	80.01
Renville	80.61
Rice	80.43
Rock	81.60
Roseau	85.65
Scott	109.10
Sherburne	85.31
Sibley	75.27
St. Louis	88.56
Stearns	84.61
Steele	91.14
Stevens	83.34
Swift	69.68
Todd	65.97
Traverse	77.17
Wabasha	90.81
Wadena	66.51
Waseca	79.54
Washington	122.22
Watonwan	77.57
Wilkin	75.86

Winona	81.72
Wright	92.20
Yellow Medicine	76.61
Missouri	
Adair	67.22
Andrew	85.13
Atchison	79.00
Audrain	73.35
Barry	69.02
Barton	68.13
Bates	73.96
Benton	65.10
Bollinger	59.35
Boone	89.80
Buchanan	80.21
Butler	75.04
Caldwell	76.16
Callaway	69.27
Camden	82.75
Cape Girardeau	85.43
Carroll	70.41
Carter	60.66
Cass	89.17
Cedar	61.48
Chariton	76.23
Christian	76.22
Clark	65.80
Clay	100.74
Clinton	81.72
Cole	95.90
Cooper	68.62
Crawford	73.00
Dade	67.64
Dallas	66.66
Daviess	68.58
DeKalb	46.35
Dent	65.55
Douglas	56.48
Dunklin	66.28
Franklin	86.43
Gasconade	75.17
Gentry	72.15
Greene	88.84
Grundy	69.45
Harrison	65.14
Henry	74.15

Hickory	56.21
Holt	74.26
Howard	74.91
Howell	64.07
Iron	62.46
Jackson	98.67
Jasper	75.88
Jefferson	82.34
Johnson	69.03
Knox	69.06
Laclede	66.24
Lafayette	85.61
Lawrence	62.88
Lewis	60.61
Lincoln	75.09
Linn	71.94
Livingston	81.85
Macon	70.75
Madison	59.40
Maries	67.98
Marion	75.10
McDonald	62.31
Mercer	71.31
Miller	62.30
Mississippi	63.97
Moniteau	70.03
Monroe	68.33
Montgomery	74.01
Morgan	65.13
New Madrid	67.23
Newton	74.56
Nodaway	63.93
Oregon	54.42
Osage	79.39
Ozark	56.08
Pemiscot	65.29
Perry	71.53
Pettis	76.98
Phelps	73.32
Pike	63.93
Platte	111.06
Polk	60.73
Pulaski	75.90
Putnam	60.27
Ralls	72.58
Randolph	67.52

Ray	80.12
Reynolds	61.73
Ripley	57.51
Saline	77.17
Schuyler	62.09
Scotland	64.96
Scott	74.62
Shannon	53.54
Shelby	75.10
St. Charles	98.41
St. Clair	60.44
St. Francois	66.59
St. Louis	132.96
St. Louis (Independent City)	85.70
Ste. Genevieve	73.81
Stoddard	67.90
Stone	75.25
Sullivan	70.45
Taney	74.82
Texas	54.36
Vernon	70.29
Warren	81.76
Washington	56.29
Wayne	56.81
Webster	60.36
Worth	60.90
Wright	55.80
Mississippi	
Adams	71.72
Alcorn	67.32
Amite	61.09
Attala	63.74
Benton	53.32
Bolivar	58.15
Calhoun	67.97
Carroll	63.16
Chickasaw	61.83
Choctaw	50.71
Claiborne	51.88
Clarke	61.18
Clay	66.59
Coahoma	68.44
Copiah	59.48
Covington	58.26
DeSoto	88.39

Forrest	74.45
Franklin	54.65
George	62.81
Greene	47.87
Grenada	67.93
Hancock	73.95
Harrison	82.00
Hinds	84.19
Holmes	47.47
Humphreys	58.47
Issaquena	40.48
Itawamba	67.65
Jackson	75.34
Jasper	58.30
Jefferson	41.62
Jefferson Davis	53.91
Jones	72.44
Kemper	57.49
Lafayette	72.44
Lamar	71.86
Lauderdale	76.79
Lawrence	68.80
Leake	63.96
Lee	85.99
Leflore	61.56
Lincoln	68.67
Lowndes	71.69
Madison	106.12
Marion	60.81
Marshall	60.11
Monroe	65.80
Montgomery	62.13
Neshoba	73.64
Newton	67.02
Noxubee	56.05
Oktibbeha	66.48
Panola	59.08
Pearl River	60.54
Perry	52.93
Pike	63.11
Pontotoc	63.76
Prentiss	57.12
Quitman	52.32
Rankin	88.11
Scott	61.74
Sharkey	52.94

Simpson	64.96
Smith	68.58
Stone	64.72
Sunflower	51.51
Tallahatchie	54.53
Tate	70.97
Tippah	64.69
Tishomingo	61.03
Tunica	59.22
Union	65.57
Walthall	53.98
Warren	85.91
Washington	62.53
Wayne	57.81
Webster	59.74
Wilkinson	50.27
Winston	59.81
Yalobusha	64.08
Yazoo	60.32
Montana	
Beaverhead	73.88
Big Horn	52.67
Blaine	53.72
Broadwater	66.79
Carbon	82.28
Carter	62.97
Cascade	83.93
Chouteau	68.22
Custer	73.76
Daniels	91.21
Dawson	70.54
Deer Lodge	67.37
Fallon	71.29
Fergus	73.56
Flathead	81.67
Gallatin	85.33
Garfield	69.80
Glacier	57.33
Golden Valley	59.71
Granite	69.57
Hill	76.73
Jefferson	82.68
Judith Basin	61.90
Lake	62.00
Lewis and Clark	86.92
Liberty	67.70

Lincoln	61.40
Madison	70.42
McCone	64.47
Meagher	68.64
Mineral	62.54
Missoula	84.38
Musselshell	54.18
Park	72.76
Petroleum	54.21
Phillips	65.31
Pondera	68.08
Powder River	60.62
Powell	60.68
Prairie	73.08
Ravalli	70.10
Richland	74.46
Roosevelt	60.40
Rosebud	74.33
Sanders	58.42
Sheridan	80.28
Silver Bow	79.58
Stillwater	85.91
Sweet Grass	71.63
Teton	70.29
Toole	69.95
Treasure	61.81
Valley	82.66
Wheatland	55.90
Wibaux	65.37
Yellowstone	90.20
North Carolina	
Alamance	86.48
Alexander	80.16
Alleghany	80.86
Anson	71.91
Ashe	77.32
Avery	75.28
Beaufort	73.37
Bertie	67.75
Bladen	69.34
Brunswick	76.93
Buncombe	88.64
Burke	77.11
Cabarrus	96.69
Caldwell	80.81
Camden	84.47

Carteret	87.99
Caswell	70.94
Catawba	89.39
Chatham	115.46
Cherokee	63.41
Chowan	79.36
Clay	70.31
Cleveland	75.35
Columbus	73.13
Craven	86.11
Cumberland	82.10
Currituck	85.41
Dare	91.47
Davidson	85.90
Davie	95.03
Duplin	69.39
Durham	100.92
Edgecombe	72.91
Forsyth	101.99
Franklin	79.91
Gaston	87.85
Gates	66.08
Graham	66.17
Granville	72.40
Greene	69.40
Guilford	101.69
Halifax	65.78
Harnett	73.04
Haywood	77.96
Henderson	92.00
Hertford	66.11
Hoke	57.72
Hyde	64.01
Iredell	88.30
Jackson	72.06
Johnston	84.42
Jones	70.84
Lee	84.74
Lenoir	78.11
Lincoln	77.39
Macon	76.61
Madison	68.93
Martin	69.66
McDowell	68.79
Mecklenburg	124.60
Mitchell	65.37

Montgomery	73.09
Moore	104.90
Nash	84.71
New Hanover	95.32
Northampton	71.26
Onslow	79.33
Orange	105.79
Pamlico	78.16
Pasquotank	69.74
Pender	71.03
Perquimans	69.58
Person	76.88
Pitt	80.39
Polk	102.71
Randolph	77.74
Richmond	68.60
Robeson	59.61
Rockingham	74.21
Rowan	80.31
Rutherford	71.73
Sampson	71.17
Scotland	68.70
Stanly	76.07
Stokes	75.29
Surry	78.56
Swain	60.91
Transylvania	85.95
Tyrrell	61.21
Union	87.33
Vance	70.52
Wake	117.90
Warren	58.21
Washington	67.98
Watauga	76.79
Wayne	74.68
Wilkes	80.21
Wilson	78.50
Yadkin	76.17
Yancey	64.90
North Dakota	
Adams	69.25
Barnes	80.41
Benson	59.07
Billings	64.89
Bottineau	87.95
Bowman	80.79

Burke	83.30
Burleigh	92.92
Cass	98.43
Cavalier	91.51
Dickey	85.49
Divide	80.33
Dunn	64.47
Eddy	73.59
Emmons	68.07
Foster	82.07
Golden Valley	60.24
Grand Forks	82.84
Grant	64.50
Griggs	87.00
Hettinger	78.75
Kidder	74.10
LaMoure	86.32
Logan	83.04
McHenry	69.29
McIntosh	80.09
McKenzie	72.07
McLean	80.13
Mercer	89.90
Morton	74.29
Mountrail	77.12
Nelson	77.75
Oliver	74.24
Pembina	97.46
Pierce	69.15
Ramsey	81.14
Ransom	83.97
Renville	84.48
Richland	82.56
Rolette	60.16
Sargent	101.10
Sheridan	62.87
Sioux	45.27
Slope	58.18
Stark	77.02
Steele	87.85
Stutsman	81.57
Towner	84.37
Traill	85.68
Walsh	87.53
Ward	86.85
Wells	80.78

Williams	78.84
Nebraska	
Adams	81.12
Antelope	78.88
Arthur	34.18
Banner	64.38
Blaine	32.57
Boone	76.74
Box Butte	85.06
Boyd	60.38
Brown	70.57
Buffalo	79.35
Burt	79.66
Butler	76.76
Cass	92.81
Cedar	82.15
Chase	84.99
Cherry	73.12
Cheyenne	85.81
Clay	84.83
Colfax	81.45
Cuming	95.92
Custer	80.49
Dakota	71.35
Dawes	61.87
Dawson	72.67
Deuel	74.08
Dixon	83.89
Dodge	84.21
Douglas	117.89
Dundy	96.35
Fillmore	90.17
Franklin	76.03
Frontier	69.56
Furnas	74.47
Gage	87.05
Garden	70.40
Garfield	80.89
Gosper	83.08
Grant	34.48
Greeley	73.13
Hall	84.70
Hamilton	78.39
Harlan	72.35
Hayes	58.49
Hitchcock	58.97

Holt	76.63
Hooker	52.06
Howard	74.14
Jefferson	77.31
Johnson	77.11
Kearney	89.21
Keith	73.38
Keya Paha	56.66
Kimball	76.12
Knox	68.13
Lancaster	97.28
Lincoln	81.43
Logan	68.40
Loup	28.60
Madison	79.22
McPherson	40.77
Merrick	78.77
Morrill	66.14
Nance	69.44
Nemaha	91.54
Nuckolls	74.57
Otoe	79.49
Pawnee	80.49
Perkins	84.01
Phelps	92.44
Pierce	73.63
Platte	83.34
Polk	83.01
Red Willow	78.57
Richardson	78.36
Rock	65.34
Saline	77.40
Sarpy	89.45
Saunders	87.53
Scotts Bluff	79.07
Seward	88.69
Sheridan	66.66
Sherman	62.77
Sioux	46.15
Stanton	70.60
Thayer	84.91
Thomas	55.28
Thurston	63.21
Valley	71.06
Washington	95.69
Wayne	72.54

Webster	80.08
Wheeler	82.37
York	85.21
New Hampshire	
Belknap	103.17
Carroll	103.16
Cheshire	95.44
Coos	84.74
Grafton	106.36
Hillsborough	117.35
Merrimack	103.73
Rockingham	126.84
Strafford	90.90
Sullivan	94.96
New Jersey	
Atlantic	103.09
Bergen	171.68
Burlington	117.55
Camden	101.41
Cape May	109.02
Cumberland	80.86
Essex	124.11
Gloucester	96.32
Hudson	97.57
Hunterdon	178.34
Mercer	131.86
Middlesex	122.10
Monmouth	142.20
Morris	184.15
Ocean	101.83
Passaic	101.43
Salem	92.95
Somerset	183.94
Sussex	122.88
Union	130.66
Warren	107.29
New Mexico	
Bernalillo	94.98
Catron	49.95
Chaves	69.92
Cibola	50.56
Colfax	68.84
Curry	73.70
De Baca	63.14
Dona Ana	63.35
Eddy	73.66

Grant	63.29
Guadalupe	45.65
Harding	60.29
Hidalgo	55.03
Lea	71.51
Lincoln	65.97
Los Alamos	149.16
Luna	52.27
McKinley	47.25
Mora	46.73
Otero	59.72
Quay	62.63
Rio Arriba	59.84
Roosevelt	71.58
San Juan	65.57
San Miguel	59.90
Sandoval	81.56
Santa Fe	103.16
Sierra	59.48
Socorro	55.97
Taos	64.26
Torrance	60.91
Union	81.31
Valencia	66.52
Nevada	
Carson City (Independent City)	106.01
Churchill	85.81
Clark	96.57
Douglas	132.70
Elko	81.64
Esmeralda	85.93
Eureka	78.22
Humboldt	82.65
Lander	83.92
Lincoln	65.43
Lyon	76.52
Mineral	76.61
Nye	81.95
Pershing	54.22
Storey	95.48
Washoe	120.51
White Pine	83.34
New York	
Albany	113.79
Allegany	64.22

Bronx	66.50
Broome	84.32
Cattaraugus	72.70
Cayuga	77.78
Chautauqua	71.55
Chemung	80.15
Chenango	73.01
Clinton	76.73
Columbia	94.48
Cortland	73.26
Delaware	74.55
Dutchess	105.97
Erie	93.48
Essex	75.33
Franklin	64.18
Fulton	80.94
Genesee	80.33
Greene	80.35
Hamilton	80.75
Herkimer	72.69
Jefferson	76.63
Kings	81.46
Lewis	66.21
Livingston	76.18
Madison	84.53
Monroe	104.78
Montgomery	81.23
Nassau	160.40
New York	282.07
Niagara	81.73
Oneida	80.77
Onondaga	96.27
Ontario	93.78
Orange	93.52
Orleans	68.86
Oswego	71.65
Otsego	74.12
Putnam	129.13
Queens	93.33
Rensselaer	92.73
Richmond	114.33
Rockland	135.11
Saratoga	102.05
Schenectady	100.62
Schoharie	77.10
Schuyler	72.01

Seneca	75.82
St. Lawrence	66.60
Steuben	90.07
Suffolk	122.88
Sullivan	85.98
Tioga	80.12
Tompkins	80.94
Ulster	86.51
Warren	89.83
Washington	71.14
Wayne	83.02
Westchester	182.59
Wyoming	67.58
Yates	67.91
Ohio	
Adams	64.52
Allen	81.30
Ashland	74.18
Ashtabula	75.18
Athens	62.67
Auglaize	90.91
Belmont	74.18
Brown	73.86
Butler	95.28
Carroll	73.76
Champaign	84.96
Clark	85.57
Clermont	96.15
Clinton	84.13
Columbiana	73.33
Coshocton	76.00
Crawford	76.85
Cuyahoga	108.14
Darke	85.05
Defiance	85.64
Delaware	139.64
Erie	96.72
Fairfield	93.66
Fayette	78.91
Franklin	105.73
Fulton	88.52
Gallia	76.30
Geauga	123.78
Greene	96.50
Guernsey	68.24
Hamilton	113.95

Hancock	95.01
Hardin	69.02
Harrison	71.57
Henry	83.68
Highland	69.32
Hocking	68.30
Holmes	62.59
Huron	79.56
Jackson	65.37
Jefferson	75.01
Knox	77.46
Lake	100.76
Lawrence	65.25
Licking	89.61
Logan	85.17
Lorain	88.59
Lucas	92.79
Madison	83.24
Mahoning	83.08
Marion	76.10
Medina	101.11
Meigs	65.35
Mercer	84.48
Miami	91.92
Monroe	65.01
Montgomery	97.80
Morgan	64.78
Morrow	73.00
Muskingum	78.80
Noble	53.58
Ottawa	96.62
Paulding	74.24
Perry	61.72
Pickaway	74.08
Pike	66.94
Portage	86.88
Preble	78.02
Putnam	86.24
Richland	79.93
Ross	74.29
Sandusky	80.16
Scioto	66.68
Seneca	77.13
Shelby	86.99
Stark	88.87
Summit	100.89

Trumbull	81.83
Tuscarawas	74.61
Union	88.34
Van Wert	80.53
Vinton	59.25
Warren	102.11
Washington	78.57
Wayne	80.44
Williams	82.07
Wood	90.74
Wyandot	79.23
Oklahoma	
Adair	55.67
Alfalfa	66.80
Atoka	54.07
Beaver	74.12
Beckham	61.98
Blaine	59.49
Bryan	65.67
Caddo	61.50
Canadian	82.91
Carter	75.70
Cherokee	58.61
Choctaw	56.98
Cimarron	69.77
Cleveland	84.11
Coal	52.09
Comanche	74.51
Cotton	68.74
Craig	67.37
Creek	71.14
Custer	69.75
Delaware	70.81
Dewey	72.68
Ellis	72.67
Garfield	81.10
Garvin	71.89
Grady	70.62
Grant	77.46
Greer	72.12
Harmon	64.81
Harper	87.40
Haskell	66.68
Hughes	55.89
Jackson	72.89
Jefferson	58.49

Johnston	56.05
Kay	78.98
Kingfisher	81.94
Kiowa	68.84
Latimer	67.20
Le Flore	63.17
Lincoln	65.73
Logan	76.27
Love	64.25
Major	70.66
Marshall	62.85
Mayes	68.47
McClain	74.95
McCurtain	64.69
McIntosh	62.82
Murray	63.72
Muskogee	68.51
Noble	71.39
Nowata	58.82
Okfuskee	53.20
Oklahoma	96.18
Okmulgee	60.28
Osage	70.87
Ottawa	63.24
Pawnee	67.99
Payne	70.01
Pittsburg	65.49
Pontotoc	69.57
Pottawatomie	68.51
Pushmataha	56.15
Roger Mills	72.79
Rogers	81.28
Seminole	59.34
Sequoyah	61.72
Stephens	74.19
Texas	87.82
Tillman	57.25
Tulsa	112.69
Wagoner	71.65
Washington	94.87
Washita	59.34
Woods	70.49
Woodward	68.66
Oregon	
Baker	68.24
Benton	97.63

Clackamas	118.08
Clatsop	80.96
Columbia	89.20
Coos	75.36
Crook	69.68
Curry	79.23
Deschutes	90.93
Douglas	77.60
Gilliam	58.56
Grant	76.85
Harney	71.36
Hood River	77.23
Jackson	84.54
Jefferson	66.00
Josephine	72.81
Klamath	72.47
Lake	71.36
Lane	85.34
Lincoln	83.12
Linn	76.89
Malheur	60.95
Marion	81.59
Morrow	66.42
Multnomah	109.35
Polk	81.44
Sherman	55.41
Tillamook	81.35
Umatilla	72.86
Union	76.64
Wallowa	76.15
Wasco	77.96
Washington	106.24
Wheeler	64.92
Yamhill	81.56
Pennsylvania	
Adams	86.17
Allegheny	116.83
Armstrong	79.35
Beaver	84.26
Bedford	71.08
Berks	95.68
Blair	79.25
Bradford	74.15
Bucks	128.33
Butler	96.39
Cambria	76.07

Cameron	76.12
Carbon	81.27
Centre	81.26
Chester	152.84
Clarion	76.08
Clearfield	73.21
Clinton	71.63
Columbia	78.63
Crawford	73.61
Cumberland	105.13
Dauphin	100.93
Delaware	123.44
Elk	86.04
Erie	81.74
Fayette	75.51
Forest	70.89
Franklin	83.00
Fulton	79.11
Greene	67.69
Huntingdon	65.80
Indiana	75.54
Jefferson	74.25
Juniata	76.30
Lackawanna	91.96
Lancaster	94.98
Lawrence	75.42
Lebanon	89.23
Lehigh	104.09
Luzerne	86.90
Lycoming	79.67
McKean	80.57
Mercer	78.42
Mifflin	69.63
Monroe	81.81
Montgomery	153.48
Montour	88.13
Northampton	96.89
Northumberland	76.28
Perry	82.80
Philadelphia	83.49
Pike	81.59
Potter	80.30
Schuylkill	76.78
Snyder	83.51
Somerset	70.90
Sullivan	75.11

Susquehanna	77.62
Tioga	68.11
Union	74.17
Venango	77.16
Warren	77.99
Washington	94.81
Wayne	78.37
Westmoreland	91.36
Wyoming	75.57
York	94.04
Rhode Island	
Bristol	122.36
Kent	104.00
Newport	117.90
Providence	90.62
Washington	110.07
South Carolina	
Abbeville	75.89
Aiken	85.77
Allendale	55.33
Anderson	81.21
Bamberg	60.39
Barnwell	73.46
Beaufort	111.88
Berkeley	69.65
Calhoun	75.63
Charleston	96.88
Cherokee	67.44
Chester	67.47
Chesterfield	65.66
Clarendon	60.95
Colleton	64.95
Darlington	75.17
Dillon	60.10
Dorchester	74.10
Edgefield	65.89
Fairfield	67.63
Florence	81.87
Georgetown	83.92
Greenville	97.21
Greenwood	76.84
Hampton	63.35
Horry	79.73
Jasper	60.38
Kershaw	79.71
Lancaster	69.43

Laurens	69.15
Lee	57.81
Lexington	94.63
Marion	60.08
Marlboro	57.60
McCormick	58.66
Newberry	69.36
Oconee	81.49
Orangeburg	67.85
Pickens	71.82
Richland	91.22
Saluda	70.67
Spartanburg	81.24
Sumter	68.98
Union	69.63
Williamsburg	55.16
York	85.82
South Dakota	
Aurora	77.26
Beadle	90.03
Bennett	58.29
Bon Homme	73.48
Brookings	79.01
Brown	97.35
Brule	74.95
Buffalo	41.66
Butte	67.59
Campbell	80.96
Charles Mix	75.80
Clark	85.00
Clay	78.53
Codington	87.52
Corson	54.33
Custer	77.27
Davison	92.99
Day	80.25
Deuel	84.97
Dewey	55.39
Douglas	75.87
Edmunds	95.37
Fall River	71.72
Faulk	85.36
Grant	85.94
Gregory	77.66
Haakon	83.98
Hamlin	74.37

Hand	81.80
Hanson	68.82
Harding	64.16
Hughes	91.77
Hutchinson	82.57
Hyde	68.45
Jackson	49.69
Jerauld	88.12
Jones	83.34
Kingsbury	86.45
Lake	82.36
Lawrence	80.25
Lincoln	95.94
Lyman	67.43
Marshall	83.94
McCook	91.96
McPherson	70.60
Meade	82.74
Mellette	52.21
Miner	72.34
Minnehaha	104.09
Moody	88.13
Pennington	88.80
Perkins	74.79
Potter	95.44
Roberts	70.57
Sanborn	96.97
Shannon	43.37
Spink	90.37
Stanley	89.91
Sully	97.65
Todd	42.73
Tripp	75.53
Turner	91.01
Union	124.35
Walworth	73.86
Yankton	81.85
Ziebach	36.95
Tennessee	
Anderson	85.52
Bedford	77.12
Benton	65.65
Bledsoe	61.23
Blount	80.82
Bradley	80.72
Campbell	63.04

Cannon	75.46
Carroll	70.70
Carter	63.97
Cheatham	83.71
Chester	68.26
Claiborne	66.21
Clay	63.25
Cocke	60.08
Coffee	78.67
Crockett	73.80
Cumberland	72.28
Davidson	114.17
Decatur	69.20
DeKalb	68.82
Dickson	77.85
Dyer	76.97
Fayette	84.98
Fentress	64.37
Franklin	70.84
Gibson	74.61
Giles	76.57
Grainger	64.40
Greene	77.38
Grundy	61.88
Hamblen	77.85
Hamilton	98.98
Hancock	46.86
Hardeman	57.14
Hardin	71.77
Hawkins	68.70
Haywood	66.27
Henderson	71.46
Henry	74.64
Tennessee	58.65
Houston	65.43
Humphreys	72.40
Jackson	64.27
Jefferson	69.72
Johnson	51.46
Knox	96.64
Lake	43.61
Lauderdale	58.24
Lawrence	68.24
Lewis	60.15
Lincoln	74.69
Loudon	84.64

Macon	69.14
Madison	84.22
Marion	72.72
Marshall	81.65
Maury	86.46
McMinn	68.98
McNairy	71.13
Meigs	62.02
Monroe	60.10
Montgomery	81.51
Moore	70.73
Morgan	59.47
Obion	80.64
Overton	63.48
Perry	71.68
Pickett	57.25
Polk	69.77
Putnam	76.46
Rhea	65.30
Roane	75.52
Robertson	83.06
Rutherford	87.76
Scott	56.03
Sequatchie	64.89
Sevier	77.45
Shelby	104.50
Smith	75.74
Stewart	65.69
Sullivan	83.78
Sumner	89.58
Tipton	76.21
Trousdale	68.21
Unicoi	72.28
Union	58.35
Van Buren	64.86
Warren	71.51
Washington	77.86
Wayne	51.13
Weakley	69.42
White	62.72
Williamson	137.44
Wilson	98.62
Texas	
Anderson	60.56
Andrews	69.52
Angelina	78.04

Aransas	81.02
Archer	86.89
Armstrong	77.71
Atascosa	63.75
Austin	89.57
Bailey	74.02
Bandera	84.14
Bastrop	73.57
Baylor	68.18
Bee	50.35
Bell	81.06
Bexar	90.76
Blanco	85.72
Borden	63.94
Bosque	72.91
Bowie	77.01
Brazoria	90.30
Brazos	66.76
Brewster	75.50
Briscoe	70.67
Brooks	52.09
Brown	68.07
Burleson	70.53
Burnet	83.16
Caldwell	66.28
Calhoun	69.53
Callahan	70.55
Cameron	51.00
Camp	85.75
Carson	87.16
Cass	70.71
Castro	95.09
Chambers	91.62
Cherokee	76.25
Childress	52.21
Clay	75.82
Cochran	74.74
Coke	63.34
Coleman	67.49
Collin	141.49
Collingsworth	81.11
Colorado	79.22
Comal	95.57
Comanche	73.91
Concho	52.37
Cooke	81.24

Coryell	63.21
Cottle	81.82
Crane	62.25
Crockett	59.47
Crosby	73.48
Culberson	48.51
Dallam	95.90
Dallas	118.63
Dawson	60.59
Deaf Smith	78.54
Delta	63.33
Denton	106.97
DeWitt	69.05
Dickens	54.59
Dimmit	47.75
Donley	75.98
Duval	55.14
Eastland	74.24
Ector	71.69
Edwards	55.00
El Paso	63.58
Ellis	89.24
Erath	77.14
Falls	59.13
Fannin	67.37
Fayette	88.14
Fisher	66.47
Floyd	79.62
Foard	71.47
Fort Bend	110.51
Franklin	81.69
Freestone	63.04
Frio	51.41
Gaines	66.95
Galveston	98.90
Garza	63.45
Gillespie	87.50
Glasscock	63.51
Goliad	69.20
Gonzales	78.14
Gray	82.97
Grayson	76.15
Gregg	91.62
Grimes	60.54
Guadalupe	77.29
Hale	70.35

Hall	57.98
Hamilton	77.51
Hansford	108.38
Hardeman	72.07
Hardin	76.07
Harris	119.80
Harrison	72.97
Hartley	93.03
Haskell	69.26
Hays	78.80
Hemphill	109.67
Henderson	76.81
Hidalgo	46.70
Hill	68.95
Hockley	70.63
Hood	93.30
Hopkins	75.24
Houston	74.20
Howard	68.40
Hudspeth	49.70
Hunt	76.53
Hutchinson	77.89
Irion	79.81
Jack	62.44
Jackson	74.19
Jasper	69.62
Jeff Davis	63.82
Jefferson	82.79
Jim Hogg	61.20
Jim Wells	64.11
Johnson	80.51
Jones	56.34
Karnes	51.52
Kaufman	82.60
Kendall	105.58
Kenedy	85.65
Kent	68.98
Kerr	92.20
Kimble	60.41
King	76.94
Kinney	57.26
Kleberg	62.57
Knox	65.33
La Salle	51.24
Lamar	73.45
Lamb	67.50

Lampasas	76.23
Lavaca	77.61
Lee	74.16
Leon	75.56
Liberty	73.46
Limestone	66.25
Lipscomb	85.16
Live Oak	56.67
Llano	76.72
Loving	220.63
Lubbock	80.65
Lynn	62.78
Madison	65.92
Marion	57.26
Martin	62.91
Mason	66.31
Matagorda	69.24
Maverick	39.44
McCulloch	73.50
McLennan	76.63
McMullen	93.30
Medina	66.36
Menard	56.29
Midland	112.83
Milam	71.86
Mills	72.06
Mitchell	49.73
Montague	74.27
Montgomery	108.83
Moore	72.91
Morris	73.93
Motley	64.07
Nacogdoches	67.44
Navarro	69.40
Newton	53.27
Nolan	68.87
Nueces	82.18
Ochiltree	91.40
Oldham	75.63
Orange	77.30
Palo Pinto	74.33
Panola	72.73
Parker	92.89
Parmer	82.63
Pecos	48.32
Polk	82.38

Potter	78.08
Presidio	45.68
Rains	63.84
Randall	84.91
Reagan	56.82
Real	62.68
Red River	62.03
Reeves	54.13
Refugio	83.79
Roberts	79.10
Robertson	69.53
Rockwall	119.38
Runnels	66.11
Rusk	71.50
Sabine	71.27
San Augustine	66.08
San Jacinto	67.80
San Patricio	66.79
San Saba	65.72
Schleicher	60.00
Scurry	72.03
Shackelford	85.52
Shelby	72.83
Sherman	135.47
Smith	92.45
Somervell	85.08
Starr	32.91
Stephens	72.20
Sterling	62.02
Stonewall	85.95
Sutton	69.66
Swisher	82.63
Tarrant	101.90
Taylor	82.95
Terrell	92.94
Terry	71.18
Throckmorton	84.93
Titus	71.86
Tom Green	81.57
Travis	116.75
Trinity	64.72
Tyler	62.87
Upshur	70.75
Upton	66.30
Uvalde	63.56
Val Verde	57.84

Van Zandt	79.86
Victoria	88.58
Walker	56.91
Waller	70.19
Ward	64.90
Washington	94.20
Webb	52.23
Wharton	77.16
Wheeler	98.83
Wichita	84.33
Wilbarger	76.98
Willacy	47.40
Williamson	96.57
Wilson	74.49
Winkler	63.13
Wise	73.07
Wood	67.24
Yoakum	71.98
Young	82.38
Zapata	42.69
Zavala	37.95
Utah	
Beaver	76.54
Box Elder	69.48
Cache	63.63
Carbon	73.83
Daggett	53.72
Davis	83.74
Duchesne	66.54
Emery	60.77
Garfield	62.59
Grand	66.55
Iron	56.70
Juab	60.81
Kane	74.50
Millard	62.95
Morgan	73.36
Piute	55.73
Rich	72.21
Salt Lake	92.48
San Juan	44.96
Sanpete	51.83
Sevier	60.12
Summit	147.80
Tooele	65.28
Uintah	58.92

Utah	64.61
Wasatch	70.13
Washington	64.77
Wayne	63.44
Weber	78.17
Virginia	
Accomack	63.50
Albemarle + Charlottesville	112.82
Alexandria (Independent City)	171.57
Alleghany + Covington	75.74
Amelia	79.50
Amherst	70.28
Appomattox	77.77
Arlington	173.66
Augusta, Staunton + Waynesboro	82.33
Bath	88.20
Bedford + Bedford City	94.30
Bland	62.09
Botetourt	99.88
Brunswick	59.33
Buchanan	66.77
Buckingham	56.58
Campbell + Lynchburg	79.28
Caroline	83.31
Carroll + Galax	67.97
Charles City	83.00
Charlotte	67.13
Chesapeake (Independent City)	91.62
Chesterfield	108.65
Clarke	103.03
Craig	73.08
Culpeper	89.42
Cumberland	66.09
Dickenson	58.70
Dinwiddie, Colonial Heights + Petersburg	83.07
Essex	75.57
Fairfax, Fairfax City + Falls Church	168.37
Fauquier	130.49

Floyd	68.63
Fluvanna	78.00
Franklin	78.92
Frederick + Winchester	92.99
Giles	69.24
Gloucester	83.76
Goochland	141.09
Grayson	64.04
Greene	75.86
Greensville + Emporia	58.39
Halifax	66.77
Hampton (Independent City)	82.77
Hanover	107.84
Henrico	116.72
Henry + Martinsville	73.32
Highland	79.57
Isle of Wight	91.21
James City + Williamsburg	119.27
King and Queen	79.16
King George	96.25
King William	92.51
Lancaster	105.59
Lee	61.61
Loudoun	129.08
Louisa	87.08
Lunenburg	61.03
Madison	80.03
Mathews	108.24
Mecklenburg	69.61
Middlesex	89.72
Montgomery + Radford	64.58
Nelson	84.43
New Kent	93.06
Newport News (Independent City)	75.88
Norfolk (Independent City)	79.78
Northampton	73.23
Northumberland	85.86
Nottoway	71.20
Orange	84.76
Page	69.65

Patrick	62.87
Pittsylvania + Danville	72.27
Portsmouth (Independent City)	74.34
Powhatan	91.40
Prince Edward	55.12
Prince George + Hopewell	75.47
Prince William, Manassas + Manassas Park	103.06
Pulaski	77.27
Rappahannock	92.63
Richmond	60.45
Richmond (Independent City)	102.47
Roanoke (Independent City)	84.85
Roanoke + Salem	104.48
Rockbridge, Buena Vista + Lexington	74.17
Rockingham + Harrisonburg	75.08
Russell	63.86
Scott	62.11
Shenandoah	79.80
Smyth	66.65
Southampton + Franklin	77.87
Spotsylvania + Fredericksburg	94.77
Stafford	96.03
Suffolk (Independent City)	85.05
Surry	72.33
Sussex	66.43
Tazewell	70.14
Virginia Beach (Independent City)	102.70
Warren	86.61
Washington + Bristol	78.10
Westmoreland	79.36
Wise + Norton	63.87
Wythe	67.03
York + Poquoson	101.06
Vermont	

Addison	87.20
Bennington	101.34
Caledonia	79.82
Chittenden	109.43
Essex	62.41
Franklin	81.94
Grand Isle	94.75
Lamoille	89.95
Orange	81.37
Orleans	76.12
Rutland	89.61
Washington	97.76
Windham	94.91
Windsor	98.25
Washington	
Adams	71.43
Asotin	81.44
Benton	91.80
Chelan	87.24
Clallam	85.44
Clark	95.88
Columbia	90.41
Cowlitz	80.75
Douglas	73.65
Ferry	60.32
Franklin	66.13
Garfield	79.24
Grant	68.98
Grays Harbor	73.81
Island	91.91
Jefferson	99.21
King	145.15
Kitsap	100.43
Kittitas	77.52
Klickitat	77.80
Lewis	75.93
Lincoln	76.99
Mason	77.64
Okanogan	72.34
Pacific	73.18
Pend Oreille	70.37
Pierce	93.68
San Juan	127.72
Skagit	93.55
Skamania	74.23
Snohomish	101.81

Spokane	86.36
Stevens	66.10
Thurston	99.05
Wahkiakum	77.21
Walla Walla	76.91
Whatcom	82.82
Whitman	65.42
Yakima	75.29
Wisconsin	
Adams	70.88
Ashland	73.37
Barron	78.92
Bayfield	73.21
Brown	99.83
Buffalo	92.95
Burnett	73.71
Calumet	97.28
Chippewa	83.21
Clark	69.49
Columbia	97.58
Crawford	71.18
Dane	113.29
Dodge	84.05
Door	99.18
Douglas	75.81
Dunn	73.33
Eau Claire	87.14
Florence	74.72
Fond du Lac	94.04
Forest	67.71
Grant	76.22
Green	90.47
Green Lake	86.81
Iowa	90.08
Iron	72.89
Jackson	80.39
Jefferson	93.47
Juneau	72.87
Kenosha	92.81
Kewaunee	83.28
La Crosse	89.37
Lafayette	72.19
Langlade	74.81
Lincoln	78.27
Manitowoc	87.45
Marathon	92.54

Marinette	77.24
Marquette	70.95
Menominee	57.02
Milwaukee	96.81
Monroe	73.58
Oconto	80.12
Oneida	89.42
Outagamie	96.72
Ozaukee	153.77
Pepin	78.16
Pierce	88.34
Polk	78.19
Portage	85.14
Price	76.20
Racine	97.45
Richland	71.95
Rock	86.74
Rusk	66.47
Sauk	89.96
Sawyer	76.31
Shawano	76.01
Sheboygan	97.70
St. Croix	101.38
Taylor	71.32
Trempealeau	79.93
Vernon	66.06
Vilas	82.08
Walworth	89.72
Washburn	72.72
Washington	111.35
Waukesha	134.74
Waupaca	84.14
Waushara	70.79
Winnebago	94.80
Wood	93.56
West Virginia	
Barbour	58.68
Berkeley	78.41
Boone	63.51
Braxton	53.56
Brooke	75.57
Cabell	81.00
Calhoun	52.45
Clay	47.94
Doddridge	57.59
Fayette	63.42

Gilmer	60.12
Grant	73.58
Greenbrier	72.98
Hampshire	63.68
Hancock	76.56
Hardy	65.55
Harrison	81.72
Jackson	68.04
Jefferson	90.32
Kanawha	99.99
Lewis	65.85
Lincoln	52.70
Logan	67.98
Marion	76.97
Marshall	71.68
Mason	63.52
McDowell	51.33
Mercer	74.71
Mineral	68.37
Mingo	65.45
Monongalia	81.64
Monroe	62.36
Morgan	82.77
Nicholas	66.20
Ohio	92.85
Pendleton	70.66
Pleasants	72.48
Pocahontas	70.71
Preston	64.29
Putnam	85.24
Raleigh	75.80
Randolph	71.37
Ritchie	63.27
Roane	57.28
Summers	52.28
Taylor	58.86
Tucker	66.31
Tyler	59.96
Upshur	61.48
Wayne	59.19
Webster	50.43
Wetzel	71.54
Wirt	55.02
Wood	80.33
Wyoming	59.09
Wyoming	

Albany	81.78
Big Horn	72.38
Campbell	96.22
Carbon	81.48
Converse	89.01
Crook	92.34
Fremont	79.21
Goshen	77.93
Hot Springs	84.10
Johnson	87.23
Laramie	96.99
Lincoln	79.55
Natrona	110.79
Niobrara	87.83
Park	94.97
Platte	86.34
Sheridan	102.72
Sublette	97.86
Sweetwater	98.86
Teton	224.06
Uinta	84.83
Washakie	90.42
Weston	97.36

ENCLOSURE D: ABILITY-TO-PAY PROCEDURES
(from Code of Federal Regulations (CFR))

**PART 241 -- FLOOD CONTROL COST-SHARING REQUIREMENTS UNDER THE
ABILITY TO PAY PROVISION**

Sec.

241.1 Purpose.

241.2 Applicability.

241.3 References.

241.4 General policy.

241.5 Procedures for estimating the alternative cost-share.

241.6 Deferred payments for certain qualifying projects.

241.7 Application of test.

Authority: Sec. 103(m), Pub. L. 99-662, 100 Stat. 4082 (33 U.S.C. 2201 et seq.), as amended by Sec. 201, Pub. L. 102-580, 106 Stat. 4797 (33 U.S.C. 2201 et seq.)

Source: 54 FR 40581, Oct. 2, 1989, unless otherwise noted.

§241.2 Applicability.

This rule applies to all U.S. Army Corps of Engineers Headquarters (HQUSACE), elements and Major Subordinate Commands and District Commands of the Corps of Engineers having Civil Works Responsibilities.

[60 FR 5133, Jan. 26, 1995]

241.3 References.

References cited in paragraphs (f) thru (i) may be obtained from USACE Pub. Depot, CEIM-SP-D, 2803, 52d Avenue, Hyattsville, MD 20781-1102. References cited in paragraphs (d) and (e) may be obtained from the National Information Services, 5285 Port Royal Road, Springfield, VA 22161. References (a), (b) and (c) may be reviewed in your local library or by writing your local Congressperson.

(a) Water Resources Development Act, 1986, Public Law 99-662, 100 Stat. 4082, 33 U.S.C. 2201 et seq.

(b) Water Resources Development Act 1992, Public Law 102-580, 106 Stat. 4797, 33 U.S.C. 2201 et seq.

(c) U.S. Water Resources Council, Economic and Environmental Principles and Guidelines for Water and Related Land Resources Implementation Studies, March 10, 1983.

(d) Office of Personnel Management, FPM Bulletin 591-30.

(e) Office of Personnel Management, FPM 591-32.

- (f) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-29.
- (g) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-121.
- (h) U.S. Army Corps of Engineers, Engineer Regulation 1165-2-131.
- (i) U.S. Army Corps of Engineers, Engineer Regulation 405-1-12.

[60 FR 5133, Jan. 26, 1995]

§241.4 General policy.

- (a) Procedures described herein establish an "ability to pay" test which will be applied to all flood control projects. As a result of the application of the test, some projects will be cost-shared by the non-Federal interest at a lower level than the standard non-Federal share that would be required under the provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213. The "standard share", as used herein, refers to the non-Federal share that would apply to the project before any ability to pay consideration.
- (b) Section 103(m) requires that all cost-sharing agreements for flood control covered by the terms of section 103(a) or 103(b) be subject to the ability to pay test. The test must therefore be applied not only to projects specifically authorized by Congress, but to the continuing authority projects constructed under section 14 of the 1946 Flood Control Act (33 U.S.C. 701r), section 205 of the 1948 Flood Control Act (33 U.S.C. 701s), and section 208 of the 1954 Flood Control Act (33 U.S.C. 701g), all as amended.
- (c) The ability to pay test shall be conducted independently of any analysis of a project sponsor's ability to finance its ultimate share of proposed project costs. The ability to finance is addressed in a statement of financial capability which considers current borrowing constraints, alternative sources of liquidity, etc. It is therefore much more narrowly defined than the ability to pay test, which considers the underlying resource base of the community as a whole. The ability to pay test shall not be used to affect project scope, or to change budgetary priorities among projects competing for scarce Federal funds.
- (d) Any reductions in the level of non-Federal cost-sharing as a result of the application of this test will be applied to construction costs only. Operations, maintenance and rehabilitation responsibilities are unaffected by the ability to pay test.
- (e) When projects are eligible for credits as outlined in ER 1165-2-29, reference §241.3(e), the ability to pay test will be applied before any adjustments are made for credits. If the ability to pay test results in a lower non-Federal share, the allowable amount of credits will be limited by the lower share.
- (f) The test is based on the following principles:

(1) Since the standard non-Federal cost-share is substantially less than full costs in every case, the ability to pay test should be structured so that reductions in the level of cost-sharing will be granted in only a limited number of cases of severe economic hardship.

(2) The test should depend not only on the economic circumstances within a project area, but also on the conditions of the state(s) in which the project area is located. Although states' policies with respect to supporting local interests on flood control projects are not uniform, the state represents a potential source of financial assistance which should be considered in the analysis.

(3) The alternative level of cost-sharing determined under the ability to pay principle should be governed in part by project benefits. If, as a result of the project, local beneficiaries receive more income, or are required to use fewer resources on flood damage repair or replacement, or on flood insurance, a portion of these resources should be available to pay for the non-Federal share, even in those cases where an analysis of current economic conditions indicates that there are relatively limited resources in the project area and its state.

(4) Since project benefits represent availability of resources in the future, but not the present, project sponsors should be permitted to defer a certain percentage of the non-Federal share whenever current economic circumstances suggest that non-Federal resources may be limited.

(g) The Non-Federal interest may, at its discretion, waive the application of the ability to pay test. In this case, the Non-Federal interest shall be considered to have the ability to pay the standard cost-share and no further economic inquiry will be required.

§241.5 Procedures for estimating the alternative cost-share.

(a) Step one, the benefits test. Determine the maximum possible reduction in the level of non-Federal cost-sharing for any project.

(1) Calculate the ratio of flood control benefits (developed using the Water Resources Council's Principles and Guidelines -- ref. §241.3(b)) to flood control costs for the project based on the discount rate which the Corps is currently using to evaluate projects. Costs include operations and maintenance as well as first costs. Divide the result by four. For example, if the project's (or separable element's) benefit-cost ratio is 1.2:1, the factor for this project equals 0.3. If a project has been authorized for construction without a benefit-cost ratio calculated in accordance with the Principles and Guidelines, determination of the ratio is a prerequisite for consideration under the ability to pay provision.

(2) If the factor determined in §241.5(a)(1), when expressed as a percentage, is greater than the standard level of cost-sharing, the standard level will apply.

(3) If the factor determined in §241.5(a)(1), when expressed as a percentage, is less than the standard level of cost-sharing, projects may be eligible for either a reduction in the non-Federal share to this "benefits based floor" (BBF), or for a partial reduction to a share between the standard level and the BBF, as determined by the procedures in step two, §243.5. In no case however, will the non-Federal cost-share be less than five percent.

(b) Step two, the income test. Projects may qualify for the full amount of the reduction in cost-sharing calculated in Step one, or for some fraction of the reduction in cost-sharing, depending on a measure of the current economic resources of the project area and of the state or states in which the project is located.

(1) To assure consistency, the calculations in §241.5(b) (2) and (3) will be performed by HQUSACE and distributed to all FOA's via Engineering Circulars. The information will be updated and distributed to HQUSACE and to the field as soon as new data are available. The procedures may be verified for any single county or state using the sources cited.

(2) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the state in which the project beneficiaries are located, and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly in the April Survey of Current Business. (If the project beneficiaries are located in Alaska or Hawaii, divide the per capita personal income figure by one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase local retail and who use private housing, employed in Anchorage, AK or Oahu, HI as contained in References §241.3(c) and (d).) Determine the states' per capita personal income as an index number in comparison to the national average (U.S.=100), and calculate the three year average of the state's index number.

(3) For each of the three latest calendar years for which information is available, determine the level of per capita personal income in the county where the project beneficiaries are located (the "project area"), and compare this to the national average of per capita personal income. Source: Dept. of Commerce, Bureau of Economic Analysis, as published yearly in the April Survey of Current Business. (If the project beneficiaries are located in Alaska or Hawaii, divide the county's per capita personal income figure by one plus the percentage used in the Federal Government's cost of living pay differential for Federal workers who purchase local retail and who use private housing, employed in Anchorage, AK or Oahu, HI.) Calculate the index for the county's per capita personal income to the national average (U.S.=100), and calculate the three year average of the county's index number.

(4) When the project area, as determined by the location of the project's beneficiaries, includes more than one county, calculate a composite project area index by taking a weighted average of the county index numbers, the weights being equal to the relative levels of benefits received in each county. When the project area includes more than one state, the state index for the project should be calculated using the same weighting technique.

(5) Calculate an "Eligibility Factor" for the project according to the following formula:
$$EF = a - b_1 \times (\text{state factor}) - b_2 \times (\text{area factor}).$$

If EF is one or more, the project is eligible for the full reduction in cost-share to the benefits based floor. If EF is zero or less, the project is not eligible for a reduction. If EF is between zero and one, the non-Federal cost-share will be reduced proportionately to an amount which is greater than the BBF but less than the standard non-Federal cost-share in accordance with the procedures described in paragraph §241.5(c) of this part. The values of a, b₁ and b₂ will be

determined by HQUSACE. The parameter values will be based on the latest available data and set so that 20 percent of counties have an EF of 1.0 or more, while 66.7 percent have an EF of 0 or less. These values will be adjusted periodically as new information becomes available. Changes will be published in Engineering Circulars. The values will be set so that $b_2 = 2 \times b_1$, giving local income twice the weight of state income.

(6) Since estimates (available from the Bureau of Economic Analysis) of per capita personal income for Puerto Rico, Guam and other U.S. territories are well below the national average, the eligibility factor for projects in these areas is administratively established to be equal to 1.

(7) For flood control projects sponsored by Native American tribes or villages, the EF shall be calculated using information on tribe or village income as a replacement factor for both the area and state factor (that is multiply the replacement income factor by both b_1 and b_2 and subtract each from a in the equation in §241.5(b)(5)). The replacement factor will be tribe or village income as a percentage of the national average for the equivalent definition of income (for example a Tribe's median family income as a percentage of the median family income for all U.S. families). The data should be the latest available information. It is acceptable, but not required that the data be obtained from the Bureau of the Census, American Indians, Eskimos and Aleuts on Identified Reservations and in Historic Areas of Oklahoma (Excluding Urbanized Areas), part 1, Table 10, or General Social and Economic Characteristics -- United States Summary (1980), Table 252. Since both sources contain information for Native Americans living on reservations, rather than all Tribe or Village members, the sources should be used only when appropriate, or when no better information is available.

(c) Application of the Ability to Pay Formula to the Basic Cost-sharing Provisions of Section 103. If a flood control project has a BBF which is less than the standard cost-share and an EF which is greater than zero, the non-Federal cost-share will be reduced. The alternative non-Federal share will be calculated and reported to the nearest one tenth of one percent. The actual reduction is determined by applying the ability to pay formula to the basic flood control cost-sharing provisions of section 103 of Pub. L. 99-662, 33 U.S.C. 2213, as follows:

(1) When $EF \geq 1$, non-Federal cost-share = BBF

(2) For structural projects covered by section 103(a), when $0 < EF < 1$:

(i) If LERRD equals or exceeds 45 percent:

non-Federal cost-share = $50 - EF \times (50 - BBF)$

(ii) If LERRD exceeds 20 percent but is less than 45 percent:

non-Federal cost-share = $(LERRD + 5) - EF \times [(LERRD + 5) - BBF]$

(iii) If LERRD is less than 20 percent:

non-Federal cost-share = $25 - EF \times (25 - BBF)$

(3) For non-structural projects covered by section 103(b), when $0 < EF < 1$:

non-Federal cost-share = $35 - EF \times (35 - BBF)$

(4) In no case, however, can the non-Federal share be less than five percent, even if the calculation made in §241.5(c) (1), (2), or (3) results in a smaller number.

(5) NOTE: LERRD equals the costs of lands, easements, rights-of-way, relocations, and dredged material disposal areas expressed as a percentage of total project costs. The BBF and numerical terms in the equations above are also expressed as percentages.

(d) Additional consideration for high cost projects. For any project where the normal non-Federal share exceeds 35 percent, and the per capita non-Federal cost (i.e., normal non-Federal share of total construction costs divided by the population in the sponsor's geographic jurisdiction) exceeds \$300, the non-Federal share under the ability to pay provision will be either LERRD's (i.e., no cash requirement) or 35 percent, whichever is greater. If LERRD's exceed 50 percent, the non-Federal share remains at 50 percent. Projects which qualify under the benefits and income tests will receive the reduction under the high cost criteria only if the high cost criteria results in a greater reduction in the non-Federal cost share.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

§241.6 Deferred payments for certain qualifying projects.

(a) Whenever a project's Eligibility Factor exceeds zero, the project sponsor will be permitted to defer a portion of its share of flood control costs. The maximum allowable amount deferred equals the total non-Federal share less (for structural projects) five percent of total project costs and less (for all projects) any amounts for LERRD paid for or acquired by the sponsor prior to the time the PCA is signed. If for example, the non-Federal share of a structural project = 35.0 percent (after the ability to pay adjustment, if any) of which 10 percent is LERRD already paid for by the local sponsor, the maximum allowable amount to be deferred = 20 percent of project flood control costs (35 less the 5 percent cash requirements, less the 10 percent LERRD already acquired). Deferred payments at the option of the sponsor will be allowed regardless of the outcome of the benefits test described in §241.5(a) whenever the Eligibility Factor exceeds zero.

(b) When $EF \geq 1$, the project sponsor may defer as much as the maximum allowable amount as described in §241.6(a).

(c) When $0 < EF < 1$, the sponsor may defer a fraction of the maximum allowable amount described in §241.6(a), where the fraction equals the Eligibility Factor expressed to three decimal places. Continuing the example described in §241.6(a), if $EF = .712$, total allowed deferral equals $.712 \times 20$ percent = 14.2 percent of total project costs.

(d) The deferred payment can be made in equal installments over any period of time selected by the non-Federal sponsor, provided that all repayments are made between the end of construction and thirty years thereafter. The amount repaid shall include interest during the repayment period as well as interest for the appropriate portion of the construction period for any amounts deferred

prior to the end of construction. The rate of interest shall be determined in accordance with the provisions of section 106 of Pub. L. 99-662, 33 U.S.C. 2216.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

§241.7 Application of test.

(a) A preliminary ability to pay test will be applied during the study phase of any proposed project. If the ability to pay cost-share is lower than the standard share, the revised estimated cost-share will be used for budgetary and other planning purposes.

(b) The official application of the ability to pay test will be made at the time the Project Cooperation Agreement (PCA) between the Corps of Engineers and the Non-Federal sponsor is signed. For structural flood control projects, the standard level of cost-sharing will not be known until the end of the project (since the standard level as specified in section 103(a), 33 U.S.C. 2213, includes LERRD). In this case, if the Eligibility Factor is greater than zero but less than one, the ability to pay non-Federal share will be determined using estimated costs.

(c) The PCA for all projects subject to the ability to pay test will include a "whereas" clause indicating the results of the test. If the project is eligible for a lower non-Federal share:

(1) The revised share will be specified in the PCA (there will be no recalculation of this share once the PCA is signed).

(2) An exhibit attached to the Project Cooperation Agreement (PCA) will include the Benefits Based Floor (BBF) determined in §241.5(a); the Eligibility Factor (EF) determined in §241.5(b); If the Eligibility Factor is greater than zero but less than one, the estimated standard non-Federal share; the formula used in determining the ability to pay share as described in §241.5(c)(1) through (c)(4); and a display of the non-Federal cost share under the high cost criteria described in §241.5(d).

(d) If at the time of project completion, the standard non-Federal share based on actual costs is less than the ability to pay share specified in the PCA, the standard share will apply.

(e) For structural projects. (1) If the standard LERRD plus cash requirement exceeds the ability to pay cost-share, the Federal Government will make any necessary adjustments in expenditures in the following order: First, paying any cash requirement in excess of five percent of total project costs (if any) that would, under standard cost-sharing, have been the responsibility of the non-Federal sponsor; second, making payments for LERRD; and third, providing for reimbursement at the end of construction. Federal payments for LERRD will be made only after the non-Federal payment for LERRD reaches a percentage of total project costs equal to the ability to pay non-Federal cost-share less the five percent cash requirement. If such arrangements are necessary, the PCA should be prepared to reflect agreement on the best manner available for acquisition of those LERRD over the limiting percentage, or for reimbursing the sponsor upon completion of construction.

(2) The non-Federal sponsor will be required to provide a cash payment equal to the minimum of five percent of estimated project costs, regardless of the outcome of the ability to pay test, unless any or all of the five percent cash requirement is waived by application of the high cost criteria described in §241.5(d). The project sponsor shall make cash payments during construction at a rate such that the amount of non-Federal payments in each year, as a percentage of total non-Federal cash payments, equals the amount of Federal expenditures (including sunk pre-construction engineering and design costs as a first year Federal construction expenditure) as a percentage of total Federal expenditures. Total Federal expenditures include cash payments for construction and if necessary (due to ability to pay considerations), for LERRD, and for reimbursement to the non-Federal sponsor. Total Federal expenditures for the purpose of this calculation, do not include expenditures which allow the non-Federal sponsor to defer payment of the non-Federal share under the provisions of this rule.

(f) For non-structural projects, reductions in the non-Federal cost-share as a result of the ability to pay test will not affect the procedures for determining the non-Federal and Federal payment schedules. For non-structural projects, no specific cash payments during construction are required by law.

[54 FR 40581, Oct. 2, 1989, as amended at 60 FR 5134, Jan. 26, 1995]

(An additional URL for retrieval of the Ability-To-Pay procedures from the Code of Federal Regulations (CFR)

[<http://ecfr.access.gpo.gov/otcqi/cfr/otfilter.cgi?DB=3&query=33000000241®ion=BIBSRT&action=view&SUBSET=SUBSET&FROM=1&SIZE=10&ITEM=1>])